

IN THE CLAIMS:

Please cancel claims 1-4 and add new claim 5 as follows.

1. – 4. (Canceled)

5. (New) A tool for injection molding of toothbrush bodies of at least two different plastics components injection-molded in succession, said tool consisting of:

a) two mold parts which can be moved relative to each other and together constitute two groups of parallel mold cavities (12, 14 and 16, 18);

b) one of said mold parts (10) comprising a recess (26) for each group of mold cavities, a mold insert (24) being insertable into each of said recesses (26);

c) partial cavities (22) being formed in said mold inserts (24), which partial cavities (22) each correspond to a head portion of said toothbrush bodies;

d) said tool further comprising a rotatable carrier arm (30) being mounted for rotation about an axis (A) and defining a plane of rotation perpendicular to said axis (A), an intersecting point of said axis (A) with said plane defining a center of rotation;

e) said mold inserts (24) being attached to said carrier arm (30);

f) all of said mold cavities of said first group (12, 14) being arranged on a first side of said rotatable carrier arm (30) and all of said mold cavities of said second group (16, 18) being arranged on a second side of said carrier arm (30) opposite to said first side;

g) said mold cavities in each group (12, 14 and 16, 18, respectively) being arranged parallel to each other and so as to have an identical orientation;

h) said mold cavities of said first group (12, 14) being arranged so as to have an

opposite orientation with respect to said mold cavities of said second group (16, 18);

i) a first one of said groups of mold cavities (12, 14) being defined by all mold cavities into which a first one of said plastics components is injected;

j) a second one of said groups of mold cavities (16, 18) being defined by all mold cavities into which a second one of said plastics components is injected;

k) each of said first (12, 14) and second (16, 18) groups of mold cavities comprising at least two subgroups of mold cavities (12, 14 and 16, 18, respectively);

l) each mold cavity being spaced apart from an adjoining mold cavity of the same subgroup by a distance in a lateral direction;

m) the mold cavities of a first subgroup (12 and 16, respectively) of one of said groups (12, 14 and 16, 18) being spaced apart from the mold cavities of a second subgroup (14 and 18, respectively) of the same group by a distance in a direction perpendicular to said lateral direction; and

n) said mold cavities of said second group (16, 18) being arranged so as to be an exclusive image of said mold cavities of said first group (12, 14) according to a single point reflection with respect to said center of rotation, said mold cavities of said second group (16, 18) being non-symmetric to said mold cavities of said first group (12, 14) according to a single mirror reflection with respect to any line in said plane of rotation running through said center of rotation.